UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	01701.00090
First Inventor	Yusuke Kohyama
Title	ELECTRIC FUSE WHOSE DIELECTRIC BREAKDOWN RESISTANCE IS CONTROLLED BY INJECTING IMPURITIES INTO AN INSULATING FILM OF A CAPACITOR STRUCTURE, AND A METHOD FOR MANUFACTURING THE SAME
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
   (Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
   See 37 CFR 1.27.
3. ☒ Specification   [*Total Pages* 47]
   (preferred arrangement set forth below)
   - Descriptive title of the Invention
   - Cross References to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to sequence listing, a table,
     or a computer program listing appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C.113)   [*Total Sheets* 14]
5. Oath or Declaration   [*Total Pages* 2]
   a. ☒ Newly executed (original or copy)
   b. ☐ Copy from a prior application (37 CFR 1.63 (d))
      (for a continuation/divisional with Box 18 completed)
      i ☐ DELETION OF INVENTOR(S)
      Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission
   (if applicable, all necessary)
   a. ☐ Computer Readable Form (CRF)
   b. Specification Sequence Listing on:
      i. ☐ CD-ROM or CD-R (2 copies); or
      ii. ☐ paper
   c ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R.§3.73(b) Statement   ☐ Power of
    (when there is an assignee)   Attorney
11. ☐ English Translation Document *(if applicable)*
12. ☒ Information Disclosure   ☒ Copies of IDS
    Statement (IDS)/PTO-1449   Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
    (Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)
    (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Applicant claims priority on Japanese Patent Number 2000-194742 filed in Japan on June 28, 2000.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
    ☐ Continuation   ☐ Divisional   ☐ Continuation-in-part (CIP)   of prior application No: _____ / _____
    Prior application information: Examiner _____   Group / Art Unit: _____

For **CONTINUATION or DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.
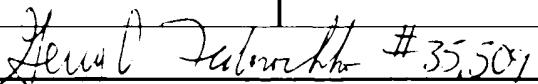
17. CORRESPONDENCE ADDRESS

☒ *Customer Number or Bar Code Label*
22907
(Insert Customer No. or Attach bar code label here)
or ☐ Correspondence address below

Name	
Address	
City	State	Zip Code
Country	Telephone	Fax

Name (Print/Type)	Joseph M. Potenza	*Registration No. (Attorney/Agent)*	28,175
Signature	*[signature]* #35,501	*Date*	June 28, 2001

PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2001

Patent fees are subject to annual revision.

Complete if Known	
Application Number	TBA
Filing Date	June 28, 2001
First Named Inventor	Yusuke Kohyama
Examiner Name	TBA
Group / Art Unit	TBA
Attorney Docket No.	01701.00090

TOTAL AMOUNT OF PAYMENT ($) 990

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 19-0733

Deposit Account Name: Banner & Witcoff, LTD

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filling fee	

SUBTOTAL (1) ($) 710

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below		Fee Paid
Total Claims	18	-20** = 0	X 18	=	0
Independent Claims	6	-3** = 3	X 80	=	240
Multiple Dependent	0		X 270	=	0

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 240

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee ($)	Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive -- unavoidable	
141	1,240	241	620	Petition to revive – unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) 40

SUBMITTED BY

				Complete (if applicable)	
Name (Print/Type)	Joseph M. Potenza	Registration No. (Attorney/Agent)	28,175	Telephone	202-508-9100
Signature	[signature] # 35,509			Date	June 28, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NEW UNITED STATES UTILITY PATENT APPLICATION
under 37 C.F.R. 1.53(b)

Assistant Commissioner of Patents
Box Patent Applications
Washington, D.C. 20231

Enclosed herewith is a new patent application and the following papers:

First Named Inventor (or application identifier): Yoshiaki FUKUZUMI

Title of Invention: SEMICONDUCTOR DEVICE USING FUSE/ANTI-FUSE SYSTEM AND METHOD OF MANUFACTURING THE SAME

1.   ■   Specification _42_ pages (including specification, claims, abstract) / _20_ claims (_2_ independent)

2.   ■   Declaration/Power of Attorney is:
          ■   attached in the regular manner.
          □   NOT included, but deferred under 37 C.F.R. § 1.53(f).

3.   ■   _14_ Distinct sheets of ■ Formal □ Informal Drawings (Figs. 1-33)

4.   □   Preliminary Amendment.

5.   ■   Information Disclosure Statement
      ■   Form 1449
      ■   A copy of each cited prior art reference

6.   ■   Assignment with Cover Sheet.

7.   ■   Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application:

Country	Application Number	Date of Filing (day, month, year)
Japan	2000-039968	17 February 2000

8.   □   Priority document(s).

9.   □   Statement Claiming Small Entity Status.

10.   □   Microfiche Computer Program (Appendix).

11.   □   Nucleotide and/or Amino Acid Sequence Submission.
      □   Computer Readable Copy.
      □   Paper Copy (identical to computer copy).
      □   Statement verifying identity of above copies.

NEW UNITED STATES UTILITY PATENT APPLICATION
under 37 C.F.R. 1.53(b)

12.   Calculation of Fees:

FEES FOR	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))			$710.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	0	18.00	$0.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	0	80.00	$0.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))		270.00	$0.00
Subtotal - Filing Fee Due			$710.00
	REDUCE BY (%)	($)	
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	0		$0.00
TOTAL FILING FEE DUE			$710.00
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0	40.00	$40.00
GRAND TOTAL DUE			**$750.00**

13.   PAYMENT is:
   ■   included; a general authorization under 37 C.F.R. § 1.25(b), second sentence, is hereby given to credit or debit our Deposit Account No. 19-0733 for the instant filing and for any other fees during the pendency of this application under 37 C.F.R. §§ 1.16, 1.17 and 1.18.
   ☐   not included, but deferred under 37 C.F.R. § 1.53(f).

14.   All correspondence for the attached application should be directed to:

Banner & Witcoff, Ltd.
1001 G Street, N.W.
Washington, D. C.   20001-4597
Telephone: (202) 508-9100
Facsimile: (202) 508-9299
PTO Customer No. 22907

15.   Other: _____

Date: February 15, 2001   By: _Henry O. Fedornilk #35,509_
                                        ~/ Joseph M. Potenza
                                        Reg. No. 28,175